

## **SAVANNAH RIVER SITE (SRS) SERVICE AND CONSTRUCTION SUBCONTRACT WORKER PROTECTION PLAN (WPP)**

### **OVERVIEW**

To perform service or construction subcontract work at SRS, a Worker Protection Plan (WPP) is required. A WPP specifies how a company will implement, maintain, and manage subcontract/regulatory compliance while conducting business under subcontract at SRS.

Regulatory agencies stipulate minimum occupational safety and health compliance requirements. The WPP must mandate an environment that is free of recognizable hazards and promote/require participation by all levels of management and employees in the prevention and recognition of unsafe acts and conditions. SRS subcontracts require companies to identify primary tasks associated with subcontract scope. The process for completing this is called Task Specific Plan (TSP). (See subcontract for applicability.)

The SRS Subcontractor Safety Handbook contains general safety rules and reflects site procedures that may be applicable to your subcontract work.

### **WSRC/BSRI INSTRUCTIONS**

#### **Section I:**

WSRC/BSRI use only.

#### **Section II:**

Used by WSRC/BSRI to evaluate WPP submittals for adequacy and acceptance.

### **SUBCONTRACTOR INSTRUCTIONS**

#### **Section II:**

The successful subcontractor, while reviewing their corporate WPP, must complete the checklist, recording sections/page numbers that correspond to requirements applicable to the subcontract scope. Prior to submittal to WSRC/BSRI all "No" responses on the checklist should be addressed via a revision or addendum to the WPP.

In addition, successful subcontractors are required to identify and submit applicable Focused Observation Checklists located on the SRS Internet Homepage as attachments to their WPP.

WSRC/BSRI review of the WPP may require an addendum from the subcontractor to address missing program elements or may result in acceptance of the plan and notification to the subcontractor via the buyer that non-crucial elements are missing but compliance is expected. (Elements will be included in the reviewer's response to Procurement with special emphasis on compliance expectation.)

The following information can be found on the OSHA homepage at [www.osha.gov](http://www.osha.gov).

1. Development of a corporate WPP
  - Ø Small Business - Newly Revised OSHA Small Business Handbook
2. OSHA's 1904 Recordkeeping Rule
  - Ø Compliance Assistance - Recordkeeping
3. Prevention of occupational hearing loss
  - Ø N - Noise and Hearing Conservation

Current American Conference for Governmental Industrial Hygienists (ACGIH) guidelines are available by contacting ACGIH at [www.acgih.org](http://www.acgih.org)

Current National Fire Protection Association (NFPA) requirements are available at [www.nfpa.org](http://www.nfpa.org)

Focused Observation Checklists are available on the SRS Internet Homepage at: [www.srs.gov/general/busiops/PMMD/prod1.htm](http://www.srs.gov/general/busiops/PMMD/prod1.htm)

**For assistance or questions, contact Butch Jones at 803-952-9919.**

**SAVANNAH RIVER SITE  
SERVICE AND CONSTRUCTION SUBCONTRACTOR  
WORKER PROTECTION PLAN (WPP) CHECKLIST**

**REFERENCES:**

- WSRC General Provisions, Special Terms and Conditions, Commercial Terms and Conditions
- or BSRI Subcontract Exhibits and/or Site Specific Subcontract scope requirements
- 29 CFR 1910 General Industry, 1926 Construction and Occupational Safety and Health Standards
- ACGIH, NFPA, ANSI

**PURPOSE:**

This WPP Checklist provides minimum program elements that must be addressed in the subcontractor's WPP, as applicable to the scope. It is not meant to be inclusive, but is intended as a general guide.

**SECTION I** *WSRC/BSRI use*

Subcontractor:	
Subcontract #:	
Buyer:	
STR:	
Safety Engineer:	
Industrial Hygiene:	
SSS Reviewer:	

**The following confirms the assigned category and that the submitted package contains all required documents.**

**Category B**

- ☐ High or Medium Hazard Work – WPP, TSP and Focused Observation Checklists
- ☐ Low Hazard Work – WPP and Focused Observation Checklists

**Category C**

- ☐ High, Medium or Low Hazard Work – WPP and Focused Observation Checklists

## **SECTION II – WPP Checklist** *WSRC/BSRI and subcontractor use*

### **ENVIRONMENT, SAFETY AND HEALTH COMPLIANCE ALTERNATIVES**

#### **WPP provides the following:**

Safety policy for workplace practices and conditions

☐ Yes ☐ No ☐ N/A

Clear goal for the subcontractor's safety and health policy

☐ Yes ☐ No ☐ N/A

Personnel responsibilities, authority, and accountability

☐ Yes ☐ No ☐ N/A

Identification of Safety and Health ☐ Professional or ☐ Representative, to include qualifications and duties

☐ Yes ☐ No ☐ N/A

Inclusion of applicable Focused Observation Checklists from SRS Internet Homepage

☐ Yes ☐ No ☐ N/A

Fitness for Duty - an individual's ability to perform the assigned job free from impairments, i.e. drugs, alcohol, emotional distress, personal health problems

☐ Yes ☐ No ☐ N/A

Right of all employees to call Time Out or **Stop Work** if they deem the work to be unsafe

☐ Yes ☐ No ☐ N/A

### **WALKING – WORKING SURFACES** *1910 Subpart D and 1926 Subpart X*

#### **The WPP provides for the following:**

Housekeeping

☐ Yes ☐ No ☐ N/A

Ladders – Inspection and use

☐ Yes ☐ No ☐ N/A

Open-sided floors/platforms/runways – standard railing and toeboard

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

### **SCAFFOLDING** *1910 Subpart D and 1926 subpart L*

#### **The WPP provides for the following:**

Training

☐ Yes ☐ No ☐ N/A

Competent and Qualified Persons

☐ Yes ☐ No ☐ N/A

Capacity, construction, access

☐ Yes ☐ No ☐ N/A

Maintenance, inspections, fall protection

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**POWERED PLATFORMS, MANLIFTS AND  
VEHICLE-MOUNTED WORK PLATFORMS** 1910 Subpart F

**The WPP provides for the following:**

Competent person – trained and experienced

☐ Yes ☐ No ☐ N/A

Personal Fall Arrest – body harness, lanyard, lifeline, etc., inspections

☐ Yes ☐ No ☐ N/A

Manlift – maintenance, inspection, and operation

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**FALL PROTECTION** 1926 Subpart M

**The WPP provides for the following:**

Training – hazard recognition, procedures, use and operation of systems

☐ Yes ☐ No ☐ N/A

Documentation of Training

☐ Yes ☐ No ☐ N/A

Guardrail System – height of railings, load rating

☐ Yes ☐ No ☐ N/A

Safety Net System – installation, inspection, testing

☐ Yes ☐ No ☐ N/A

Personal Fall Arrest System – harness, lanyard, anchorage, inspections

☐ Yes ☐ No ☐ N/A

Positioning Device System – anchorage, components, inspections

☐ Yes ☐ No ☐ N/A

Fall Protection Plan – prepared by qualified person

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**CRANES, DERRICKS, HOISTS, ELEVATORS, AND CONVEYORS** 1926 Subpart N

**The WPP provides for the following:**

Operator Training/Qualification

☐ Yes ☐ No ☐ N/A

Load capacities and operating speeds

☐ Yes ☐ No ☐ N/A

Special hazard warnings and instructions

☐ Yes ☐ No ☐ N/A

Hand signals

☐ Yes ☐ No ☐ N/A

Inspections

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_  
☐ Yes ☐ No ☐ N/A

### **HEARING CONSERVATION PROGRAM ELEMENTS** 1910.95 and 1926.52

**NOTE:** Noise exposures are based on ACGIH guidelines of 85 dB TWA

**The WPP provides for the following:**

Training – effects of noise, instructions on selection, use and care of protectors

☐ Yes ☐ No ☐ N/A

Monitoring – survey of noise producing equipment

☐ Yes ☐ No ☐ N/A

Audiometric testing

☐ Yes ☐ No ☐ N/A

Hearing Protectors

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_  
☐ Yes ☐ No ☐ N/A

### **HAZARDOUS MATERIALS** 1910.101 and 1926.152

**The WPP provides for the following:**

Compressed gases – handling, storage, use, and PPE

☐ Yes ☐ No ☐ N/A

Flammable and combustible liquids – training, handling, storage, use, and PPE

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_  
☐ Yes ☐ No ☐ N/A

### **HAZARDOUS WASTE OPERATIONS** 1910.120

**The WPP provides for the following:**

Training/Refresher Training

☐ Yes ☐ No ☐ N/A

Emergency Response Plan

☐ Yes ☐ No ☐ N/A

Safety and Health Plan

☐ Yes ☐ No ☐ N/A

Personal Protective Equipment

☐ Yes ☐ No ☐ N/A

Medical Surveillance

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_  
☐ Yes ☐ No ☐ N/A

**PERSONAL PROTECTIVE EQUIPMENT** 1910 Subpart I and 1926 Subpart E

**The WPP provides for the following:**

Eye and face protection

☐ Yes ☐ No ☐ N/A

Head protection

☐ Yes ☐ No ☐ N/A

Foot Protection

☐ Yes ☐ No ☐ N/A

Hand protection

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**RESPIRATORY PROTECTION PROGRAM ELEMENTS** 1910.134

**The WPP provides for the following:**

Training

☐ Yes ☐ No ☐ N/A

Medical evaluation

☐ Yes ☐ No ☐ N/A

Fit tests

☐ Yes ☐ No ☐ N/A

Selection of respiratory equipment

☐ Yes ☐ No ☐ N/A

Storage of respiratory equipment

☐ Yes ☐ No ☐ N/A

Pre-use checks

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**GENERAL ENVIRONMENTAL CONTROLS** 1910 Subpart J and 1926 Subpart D

**The WPP provides for the following:**

Sanitation – toilet and washing facilities

☐ Yes ☐ No ☐ N/A

Accident prevention signs and tags

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**CONFINED SPACE PROGRAM ELEMENTS** 1910.146 and 1926.21

**The WPP provides for the following:**

Training

☐ Yes ☐ No ☐ N/A

Hazard evaluation

☐ Yes ☐ No ☐ N/A

Permit and Non-permit confined spaces

☐ Yes ☐ No ☐ N/A

Responsibilities of management, entry supervisor, authorized entrant, and authorized attendants

☐ Yes ☐ No ☐ N/A

Permit handling and approval

☐ Yes ☐ No ☐ N/A

Testing and monitoring

☐ Yes ☐ No ☐ N/A

Posting (applicable to subcontractor operated facilities)

☐ Yes ☐ No ☐ N/A

Special hazards

☐ Yes ☐ No ☐ N/A

Emergency rescue and retrieval

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

**HAZARDOUS ENERGY CONTROL PROGRAM ELEMENTS** 1910 Subpart S and 1926 Subpart K

*If subcontract scope requires site training and compliance with 8Q, Procedure 32, "N/A" this section.*

**The WPP provides for the following:**

Purpose of hazardous energy control program

☐ Yes ☐ No ☐ N/A

Responsibilities

☐ Yes ☐ No ☐ N/A

Employee training

☐ Yes ☐ No ☐ N/A

Lockout/tagout procedures

☐ Yes ☐ No ☐ N/A

Verification of de-energized equipment

☐ Yes ☐ No ☐ N/A

Restoring equipment to normal operations

☐ Yes ☐ No ☐ N/A

Removal of locks and tags

☐ Yes ☐ No ☐ N/A

Periodic inspections

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

**MEDICAL AND FIRST AID** 1910 Subpart K and 1926 Subpart C

**The WPP provides for the following:**

First aid supplies

☐ Yes ☐ No ☐ N/A

First aid trained employee

☐ Yes ☐ No ☐ N/A

Reporting and investigating accidents/incidents

☐ Yes ☐ No ☐ N/A

Maintenance of and employee access to exposure monitoring data and medical records

☐ Yes ☐ No ☐ N/A

29 CFR 1904 Recordkeeping

☐ Yes ☐ No ☐ N/A

Off-site physician(s)

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

**FIRE PROTECTION** 1910 Subpart L and 1926 Subpart F

**The WPP provides for the following:**

Portable Fire Extinguishers – training, proper type, inspection, maintenance, testing

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

**COMPRESSED GAS AND COMPRESSED AIR EQUIPMENT** 1910 Subpart M

**The WPP provides for the following:**

Employee Training

☐ Yes ☐ No ☐ N/A

Inspections

☐ Yes ☐ No ☐ N/A

Storage and Handling

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

**MATERIALS HANDLING AND STORAGE** 1910 Subpart N and 1926 Subpart H

Scope of work includes use of ☐ cranes, ☐ forklifts, ☐ personnel lifting, ☐ other \_\_\_\_\_.

**The WPP provides for the following:**

Storage and handling of materials

☐ Yes ☐ No ☐ N/A

Rigging – requirements, inspection, components, and qualifications

☐ Yes ☐ No ☐ N/A

Disposal of trash from elevations

☐ Yes ☐ No ☐ N/A

Equipment – use in handling materials

☐ Yes ☐ No ☐ N/A

Industrial trucks – operator training, inspection, maintenance, and safe use

☐ Yes ☐ No ☐ N/A

Personal lifting techniques

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**HAND AND PORTABLE POWERED TOOLS AND OTHER**

**HAND-HELD EQUIPMENT** 1910 Subpart P and 1926 Subpart I

**The WPP provides for the following:**

Inspection

☐ Yes ☐ No ☐ N/A

Proper use

☐ Yes ☐ No ☐ N/A

Guarding

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**WELDING, CUTTING AND BRAZING** 1910 Subpart Q and 1926 Subpart J

**The WPP provides for the following:**

Training

☐ Yes ☐ No ☐ N/A

Hot Work Permit

☐ Yes ☐ No ☐ N/A

Equipment inspections, service, and use

☐ Yes ☐ No ☐ N/A

Personal protective equipment

☐ Yes ☐ No ☐ N/A

Fire protection and prevention

☐ Yes ☐ No ☐ N/A

Welding or flash screen

☐ Yes ☐ No ☐ N/A

Health protection – work on galvanized or coated material

☐ Yes ☐ No ☐ N/A

Ventilation

☐ Yes ☐ No ☐ N/A

Cylinders and containers

☐ Yes ☐ No ☐ N/A

Cylinder storage

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**ELECTRICAL** 1910 Subpart S, 1926 Subpart K and NFPA 70E

**The WPP provides for the following:**

Training – basic electrical safety and NFPA 70E knowledge

☐ Yes ☐ No ☐ N/A

Performance of calculations to determine Flash Boundary and Hazard Category

☐ Yes ☐ No ☐ N/A

Use of tables to determine Hazard Category and PPE requirements

☐ Yes ☐ No ☐ N/A

Selection and use of Fire Retardant Clothing and PPE

☐ Yes ☐ No ☐ N/A

Use of arc flash hoods

☐ Yes ☐ No ☐ N/A

Care of fire retardant clothing and PPE

☐ Yes ☐ No ☐ N/A

Other - \_\_\_\_\_

☐ Yes ☐ No ☐ N/A

**TOXIC AND HAZARDOUS SUBSTANCES** 1910 Subpart Z and 1926 Subpart Z

***NOTE: All exposure limits must be based on ACGIH and/or OSHA guidelines, whichever is the most restrictive.***

Scope of work includes working with ☐ asbestos, ☐ benzene, ☐ lead, ☐ styrene, ☐ other \_\_\_\_\_.

**The WPP provides for the following:**

Threshold Limit Values (TLV)

☐ Yes ☐ No ☐ N/A

Exposure monitoring

☐ Yes ☐ No ☐ N/A

Medical surveillance

☐ Yes ☐ No ☐ N/A

Engineering controls

☐ Yes ☐ No ☐ N/A

Work practices

☐ Yes ☐ No ☐ N/A

Respiratory protection

☐ Yes ☐ No ☐ N/A

Protective clothing

☐ Yes ☐ No ☐ N/A

Protective equipment

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

**HAZARDOUS COMMUNICATIONS 1910.1200**

**The WPP provides for the following:**

Written Program - list of hazardous chemicals, methods used to inform employees of the hazards, precautionary measures

☐ Yes ☐ No ☐ N/A

Employee information and training

☐ Yes ☐ No ☐ N/A

Identity of the hazardous chemical(s) - labeling system

☐ Yes ☐ No ☐ N/A

Material safety data sheets – location

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

**DEMOLITION 1926 Subpart T**

**The WPP provides for the following:**

Preparatory Operations – engineering survey by a competent person and service lines shut off

☐ Yes ☐ No ☐ N/A

Removal of Materials – walls, floors, and steel construction

☐ Yes ☐ No ☐ N/A

Mechanical Demolition

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

**HEAT STRESS**

**The WPP provides for the following:**

Pre-hydration

☐ Yes ☐ No ☐ N/A

Acclimatization

☐ Yes ☐ No ☐ N/A

Signs and symptoms

☐ Yes ☐ No ☐ N/A

Other -

☐ Yes ☐ No ☐ N/A

The following OSHA Subparts apply to unique and/or special services that are seldom subcontracted at SRS. Therefore, specific elements from these subparts are not identified. When such services are deemed applicable to subcontract scopes, the WPP reviewer must refer to the specific OSHA subparts and use the appropriate elements to evaluate the degree of documentation and acceptance of the subcontractor's WPP.

Means of Egress – 1910 Subpart E

☐ Yes ☐ No ☐ N/A

Dipping and coating operations – 1910.123

☐ Yes ☐ No ☐ N/A

Excavations – 1926 Subpart P

☐ Yes ☐ No ☐ N/A

Concrete and Masonry Construction – 1926 Subpart Q

☐ Yes ☐ No ☐ N/A

Steel Erection – 1926 Subpart R

☐ Yes ☐ No ☐ N/A

Explosives and Blasting Agents – 1910.109

☐ Yes ☐ No ☐ N/A

Commercial Diving Operations – 1910 Subpart T and 1926 Subpart Y

☐ Yes ☐ No ☐ N/A

Machinery and Machine Guarding – 1910 Subpart O

☐ Yes ☐ No ☐ N/A